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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On October 30, 2003

TOWNSEND and TOWNSEND and GREEN LLP

By: Stephanie J. Whitehurst

PATENT  
Attorney Docket No.: 02307Z-085830US  
Client Ref. No.: 98-207-4

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

NICHOLAS L. ABBOTT, et al.

Application No.: 09/898,132

Filed: July 3, 2001

For: OPTICAL AMPLIFICATION OF  
MOLECULAR INTERACTIONS USING  
LIQUID CRYSTALS

Customer No.: 20350

Confirmation No.: 4446

Examiner: Celsa, Bennett M.

Technology Center/Art Unit: 1639

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed August 5, 2003, please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.

11/05/2003 CNGUYEN 00000120 201430 09898132

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